

**MONTANA FISH, WILDLIFE & PARKS  
FINAL PROJECT PERFORMANCE REPORT**

**AGREEMENT:** T - 14 - 1  
**GRANT TITLE:** Westslope Cutthroat Trout Restoration in North-Central Montana  
**PERIOD COVERED:** July 1, 2003 through June 30, 2005

**Objectives**

The objective of this grant is to implement planning and restoration for the westslope cutthroat trout in the Belt Creek and Smith River drainages and tributaries to the upper Missouri River along the Rocky Mountain Front.

**Location**

Restoration activities will occur in the upper Missouri River basin, with emphasis in the Belt Creek and Smith River drainages and tributaries to the Missouri River along the Rocky Mountain Front in Montana Fish, Wildlife and Parks' Region 4.

**Accomplishments**

*Upper Missouri Drainage (4<sup>th</sup> Code HUC 10030101)*

Major westslope cutthroat (WCT) restoration accomplishments in the Upper Missouri Drainage included suppression of white suckers in Three Mile Creek Reservoir to protect a small pure population of WCT, and electrofishing removal of eastern brook trout (EB) in Cottonwood Creek.

*Upper Missouri - Dearborn Drainage, including Highwood Creek (4<sup>th</sup> Code HUC 10030102)*

Major WCT restoration accomplishments in the Upper Missouri - Dearborn Drainage included habitat surveys of the Falls Creek Drainage, enhancement (additional blasting) of a barrier on Big Coulee Creek (Highwood Creek Drainage), and suppression of EB on Big Coulee Creek.

*Smith River (4<sup>th</sup> Code HUC 10030103)*

Major WCT restoration accomplishments in the Smith Drainage included relative abundance surveys of Tyrell Creek, Jumping Creek, Slough Creek, Cottonwood Creek, Richardson Creek, Daniels Creek, Lake Creek, and French Creek. Barrier surveys were completed in Big Camas Creek. Genetics were collected from Richardson Creek, French Creek, and Jumping Creek. Habitat and fish surveys were completed in the Edith and Hidden lake systems.

Sun Drainage (4<sup>th</sup> Code HUC 10030104)

Major WCT restoration accomplishments in the Sun Drainage included a fisheries survey of Petty Creek. WCT were transferred to Petty Creek from Deep Creek in 2002 and 2003. In addition, pure WCT were transferred from East Fork Spring Creek (Judith Drainage) to a previously fishless area in North Fork Ford Creek.

Belt Creek Drainage (4<sup>th</sup> Code HUC 10030105)

Accomplishments related to WCT restoration in the Belt Creek Drainage included, brook trout suppression in Middle Fork Little Belt Creek, design and construction of a barrier culvert on Middle Fork Little Belt Creek. Relative abundance surveys and genetics samples were collected from the Tillinghast Drainage. Abundance information was collected in Shorty Creek, O'Brien Creek, and Gold Run Creek. Population estimates were completed at long term monitoring stations on Chamberlain Creek. A partial fish barrier was constructed on Crawford Creek and will be completed by December 2005.

Teton Drainage (4<sup>th</sup> Code HUC 10030205)

Major accomplishments related to WCT restoration in the Teton Drainage included sampling the Teton River to assess population characteristics and demographics for the Blackleaf Oil and Gas Project Area EIS.

Two Medicine Drainage (4<sup>th</sup> Code HUC 10030201)

Accomplishments related to WCT restoration in the Two-Medicine Drainage included a survey for presence of natural reproduction in the recently planted population of WCT in Lonesome Creek (transfers in 2002 and 2003; transferred from Whiterock Creek).

Arrow Creek Drainage (4<sup>th</sup> Code HUC 10040102)

Major accomplishments related to WCT restoration in the Arrow Creek Drainage included eradication/suppression of EB in Cottonwood Creek and collection of genetic samples from Boyd Creek.

**Variances**

None

**Expenditure Recap:** (Revised)

## Proposed Planning:

	Federal Share		Match		Total
Direct Costs	34,000.00		13,537.67		37,537.67
Indirect	6,613.00				6,13.00
Total	40,613.00	75.0%	13,537.67	25.0%	54,150.67

## Actual Planning:

	Federal Share		Match		Total
Direct Costs	27,542.26		10,793.60		38,335.86
Indirect	4,921.80				4,921.80
Total	32,464.06	75.0%	10,793.60	25.0%	42,257.66

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## Proposed Implementation:

	Federal Share		Match		Total
Direct Costs	16,000.00		19,112.00		35,112.00
Indirect	3,112.00				3,112.00
Total	19,112.00	50.0%	19,112.00	50.0%	38,224.00

## Actual Implementation:

	Federal Share		Match		Total
Direct Costs	15,002.70		17,827.19		32,829.89
Indirect	2,824.49				2,824.49
Total	17,827.19	50.0%	17,827.19	50.0%	35,654.38

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## Proposed Summary:

	Federal Share		Match		Total
Direct Costs	50,000.00		32,649.67		82,649.67
Indirect	9,725.00				9,725.00
Total	59,725.00	64.7%	32,649.67	35.3%	92,374.67

## Actual Summary:

	Federal Share		Match		Total
Direct Costs	42,544.96		28,620.79		71,165.75
Indirect	7,746.29				7,746.29
Total	50,291.25	64.7%	28,620.79	35.3%	78,912.04

**Project Personnel**

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